Garforth Urban District Council

ANNUAL REPORT

ON THE

Health & Sanitary Conditions

OF THE DISTRICT

FOR THE YEAR 1939.

BY

C. C. HARGREAVES, M.B., D.P.H.

(MEDICAL OFFICER OF HEALTH)

AND

G. HORN,

C.R.San.I., C. Meat Inspection R.S.I., M.S.I.A.
(Sanitary Inspector).



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GARFORTH URBAN DISTRICT COUNCIL

Chairman of the Council:

Councillor JAMES KILBURN, J.P.

Vice-Chairman:

Councillor R. B. HOLT, J.P.

Public Health Committee:

Chairman—Councillor Chappel.

Vice-Chairman—Councillor G. W. Young.

Councillor W. A. Holmes Councillor A W. Hoult Councillor S. Oxtoby Councillor A. Prince Councillor J. W Simpson Councillor G. W .Tinker Councillor P. L. Wilson

Medical Officer of Health:

Dr. C. C. Hargreaves, M.B., D.P.H.

Sanitary Inspector

George Horn, C.R.San.I., C. Meat Inspection R.S.I., M.S.I.A.

GARFORTH URBAN DISTRICT COUNCIL

COUNCIL OFFICES,
GARFORTH.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1939.

Mr. Chairman and Gentlemen,

I have the honour to submit to you my Annual Report on the Health and Sanitary Administration of the Urban District for the year 1939. Incorporated with it is the report of the Sanitary Inspector.

The Report is an "ordinary" report and therefore mainly statistical.

It will be noted that under the heading of "population" three estimates are given. This is occasioned by the fact that the constitution of the District underwent a change on the 1st April, 1939, when the greater part of two parishes from the Tadcaster Rural District, i.e. Kippax and Allerton Bywater became incorporated with the Garforth Urban District. The figures marked "a" and "b" are composite figures employed in the calculation of the various vital statistics. The figure marked "c" represents the population of the re-constituted District at the end of December, 1939.

I desire to express my thanks to the Chairman and Members of the Public Health Committee and also the Staff of the Department for their cooperation.

GENERAL STATISTICS.

Area (acres)	*****	*****	4,000
Population (a)			9,782
Population (b)		•	/
Population (c)			12,109
The number of inhabi	ted ho	uses	
(end of 1939) acco	ording	to	
	* 4 * * * 4		3,448
Rateable Value	*****	£	45,786
Sum represented by	Penny	Rate	£170 6s. 3d.

SOCIAL CONDITIONS.

The chief industry in the District is coal-mining, there being one colliery situated within our boundaries, and others in adjoining districts.

Unemployment has declined during the year, many of which have been absorbed in other industries.

EXTRACTS FROM THE VITAL STATISTICS OF THE YEAR 1939.

LIVE BIRTHS:—	Total	Male	Female
Legitimate		<i>7</i> 5	
Illegitimate		1	_
Birth rate per 1000 of the e	estimated	popula	tion 17.5
STILL BIRTHS:—	Total	Male	Female
Legitimate	8	5	3
Illegitimate	1 (7.11		4.4.77
Rate per 1,000 Total (Live	and Stil	I) Birtl	1s:—44./
DEATHS FROM ALL CA	AUSES:-		
	Total	Male	Female
	109	53	56

Death rate per 1,000 estimated average population 11.34.

Number of women dying in, or in consequence of child birth—NIL.

DEATHS OF INFANTS UNDER ONE YEAR OF AGE:—

All infants per 1,000 live births:—46.5

Legitimate infants per 1,000 legitimate live births:—47.4

Illegitimate infants per 1,000 illegitimate live births:—Nil.

Remarks on Total Statistics: The Birth Rate of 17.5 for 1939 shows a favourable and satisfactory increase on that of the previous year which was 14.7.

The following is a table showing the Birth Rate for the past six years.

Year		Garforth	Eı	ngland & Wales
1934	•••••	14.5		14.8
1935	•••••	15.9	*****	14.7
1936	•••••	13.7	****	15.9
1937	*****	17.7		14.9
1938	*****	14.7	*****	15.1
1939	•••••	17.5	*****	15.0

Death Rate:—The Death Rate of 11.4 compares favourably with that for England and Wales. It will be noted that the Birth Rate continues to be higher than the Death Rate. Six years ago the Death Rate was higher than the Birth Rate. The following is a table showing the Death Rate for the past six years.

Year		Garforth		England & Wales
1934	••••	14.4	****	11.8
1935	*****	10.7	*****	11.7
1936	*****	12.9	••••	12.1
1937	*****	17.2	*****	12.4
1938	*****	8.8	*****	11.6
1939	*****	11.3	*****	12.1

Chief Causes of Death:—These include 12 from Cancer, 47 from Cardio-Vascular diseases, 7 from Respiratory diseases other than Tuberculosis, 3 deaths from Tuberculosis which include 2 from Respiratory and 1 from Non-Respiratory.

A detailed list of Causes of Death is printed in

this report.

Infantile Mortality: The Death Rate of Infants under one year of age per 1,000 births continues to be low.

The following is a table showing the Death Rate of Infants under one year of age per 1,000 births for the past six years.

Year		Gariorth	Er	gland & Wales
1934	****	134.6		59.0
1935	*****	34.5		57.0
1936	*****	81.6	*****	59.0
1937	*****	74.6		58.0
1938	*****	35.7		53.0
1939		46.5		50.0

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

It will be noted that there were no cases of Diphtheria reported during 1939. I attribute this to the fact that during recent years a high percentage of the children of the District submitted to immunisation.

Small Pox: No cases of Small Pox were reported in the Council's area.

Measles: There was the usual amount of this disease during the year but no deaths resulted.

Whooping Cough: There was a fair amount of this disease during 1939 resulting in one death.

Summer Diarrhoea: There was a small amount of this during 1939 without fatal results.

Influenza: Though there was no marked amount of Influenza during the past year unfortunately two deaths resulted.

Tuberculosis: Ten new cases of Tuberculosis were reported during the year, 7 Pulmonary and 3 Non-Pulmonary. There were two deaths from Pulmonary Tuberculosis and 1 death from Non-Pulmonary Tuberculosis.

Ophthalmia Neonatorum: No cases reported.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1939.

Disease			Total cases notified	Cases admitted to Hospital	Total Deaths
Smallpox					
Scarlet Fever			18	17	1
Diphtheria	*****				
Enteric Fever (P	aratyph	(bior	2		
Puerperal Fever		•••••	-		
Puerperal Pyrexi	a				
Pneumonia			2	***************************************	
Erysipelas	*****	,	2		
Polioencephalitis					
Meningitis					
Ophthalmia Neon	atorum				and the same of th
Cerebro-Spinal F	ever				
Encephalitis Leti	hargica		all residence recognision.		
Measles		•••••	4		
Whooping Cough	1		2		1
T	otals	••••	30	17	2

The following is a list showing the prevalence of Scarlet Fever and Diphtheria during the last six years.

Year	Se			TIFIED Diphther			EATH ver	S Diphtheria
				*				
1934		1	•••••	2	••••		•••••	
1935		4		5		1		1
1936		4		5	••••		*****	1
1937		17		50		-	•••••	1
1938		3		7				
1939		18					****	1

NOTIFIABLE DISEASES—continued.

Totals	
Acute Encephalitis Lithargica	
Ery- sipelas	
Pneu- monia	
Puerperal Pyrexia	
Enteric Fever incl. Paratyphoid	
Diphtheria & Croup	
Scarlet Fever	1 1 2 1 2 1 10 1 1 1 1 1 2
Smallpox	
Age Periods	0 1 2 3 4 5 10 15 20 25 45 65 and over

The number of cases notified during the year 1939 was 40, including 10 new cases of Tuberculosis, 4 Measles, and 2 Whooping This disease was contracted in an adjacent Cough. During the year one death resulted after an attack of Dipththeria.

Authority area and is merely a transferred case.

NEW CASES OF TUBERCULOSIS AND MORTALITY DURING THE YEAR 1939

	Non-Respiratory	Female	
Deaths	Non-Res	Male	
De	Respiratory	Female	
	Respi	Male	
	Non-Respiratory	Female	
Cases	Non-Res	Male	3 1 1 1 2
New Cases	Respiratory	Female	5
	Respir	Male	1 1 2 2
	G,		
	Age Periods		0 1 5 15 25 35 55 65 and upwards

CAUSES OF DEATH IN THE GARFORTH URBAN DISTRICT, 1939.

Cause of Death	Males	Fe- males	Cause of Death	Males	fe- males
ALL CAUSES	53	56			
1 Typhoid and paratyphoid Fevers 2 Measles 3 Scarlet Fever 4 Whooping Cough 5 Diphtheria 6 Influenza 7 Encephalitis lethargica 8 Cerebro-spinal fever 9 Tuberculosis of respiratory system	1 - 1	- - 1 1 - -	30 Other puerperal causes 31 Congenital debility, premature birth, malformations, &c 32 Senility 33 Suicide 34 Other violence 35 Other defined diseases 36 Causes ill-defined or unknown 37 Diarrhœa (2 years and over)	1 1 1 2 7 —	6 2 1 1
10 Other tuberculosis diseases 11 Syphilis 12 General paralysis of the insance, tabes dorsalis 13 Cancer, malignant disease 14 Diabetes 15 Cerebral hæmorrhage, &c 16 Heart disease	1 - 6 - 5	- 6 1 4	Special Causes (included in No. 35 above) Smallpox Poliomyelitis Polioencephalitis Deaths of Infants under 1		
17 Aneurysm 18 Other circulatory diseases 19 Bronchitis	13 - 5 2	16 - 4 -	year— Total Legitimate Illegitimate	2	6 6 —
20 Pneumonia (all forms) 21 Other respiratory diseases 22 Peptic Ulcer 23 Diarrhoea, &c. (under 2 years)	2 1 1	2	Live Births— Total Legitimate Illegitimate	76 75 1	95 93 2
24 Appendicitis	1 1 1 1	1 1 1 4	Stillbirths— Total Legitimate Illegitimate Population	5 5 - 12,1	3 3

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Public Health Officers of the Local Authority.

The Staff consists of the Medical Officer of Health and the Sanitary Inspector. The Medical Officer of Health is a part-time Officer. One-half of the salaries of these officials is recovered from the County Council, The Local Authority provides clerical assistance.

CLINICS AND TREATMENT CENTRES.

Name	Situation.	
Maternity & Chile Welfare Centre		Garforth
School Clinic.	W.R.C.C. Education Authority	Garforth
Tuberculosis Clinic.	W.R.C.C.	Garforth T.B. Dispensary
V.D. Clinic.	General Infirmary	Leeds

GARFORTH CHILD WELFARE CENTRE.

This Centre is under the control of the West Riding County Council. The mothers attend regularly, and derive particular benefit from the advice given by the staff regarding the Feeding and Welfare of their infants.

LABORATORY FACILITIES.

Bacteriological examinations are undertaken by the West Riding County Council Analysts Department by arrangement with the County Council.

AMBULANCE FACILITIES.

(a) For Infectious Diseases.

We have an arrangement with the Tadcaster Rural District Council for the use of their Ambulance, which is kept at the Isolation Hospital, Garforth.

(b) For Non-Infectious, Maternity and Accident Cases

The Council own a modern motor ambulance for these cases at a fixed charge.

Kippax St. John and Miners' Welfare also serve the district with a modern well-equipped ambulance.

PROFESSIONAL NURSING IN THE HOME.

(a) General.

The District Nursing Association continues to do useful work in the area. The services of a qualified District Nurse are available in general and midwifery nursing.

(b) Infectious Diseases. None.

HOSPITALS.

For Infectious diseases we have an arrangement with the Tadcaster Rural District for the use of the Isolation Hospital at Garforth Cliff, at a fixed charge.

Mortuaries.

The Council owns two Mortuaries; one is situated adjoining the Council's premises in Garforth and the other adjoining the Council Offices in Allerton Bywater.

SANITARY CIRCUMSTANCES OF THE AREA.

Water: The Water is purchased in bulk from the Leeds Corporation; it is of an exceptionally high degree of purity. There has been an adequate and constant supply throughout the year.

Analytical results obtained in the Corporation's Laboratories are as follows:—

Chemical Analysis:—	Ave Parts per 1,000,000	rage No. of Grains per gallon
Total Solids dried at 100°C	9.75	6.92
Residue on Ignition	6.81	4.79
Nitrogen as free and saline		
ammonia	. 0.0038	0.0027
Nitrogen as albuminoid ammonia	ı 0.0066	0.0046
Nitrogen as nitrites	. Nil	Nil
Nitrogen as nitrates	0.052	0.037
Chlorine present as chloride	1.23	0.85
Oxygen absorbed in 4hrs. at 20°c	0.226	0.163
Temporary Hardness as calcium Carbonate Permanent hardness as calcium	1 . 2.76	1.93
sulphate Soap Test:	3.75	2.64
Temporary Hardness	. Nil	Nil
Permanent Hardness	4.45	3.12
Total Hardness	4.45	3.12
Lead	. Nil	Nil
pH (Lovibond)	8.7	

Bacteriological Examination.

B. Coli was absent in	Quantity	Sample
100%	10 c.c.	Water
93%	50 c.c.	Water
85%	100 c.c.	Water
84%	150 c.c.	Water

DRAINAGE AND SEWERAGE.

The majority of the drainage is by piped sewers, discharging into the sewage disposal works. There are 50 houses situated in Allerton Bywater the only means of drainage of which is cesspools.

The remaining houses in the area unconnected to our disposal works are situated in the outlying parts of the district.

A scheme is contemplated to convert the 50 cesspools in Allerton Bywater into the main drainage system.

The drains and sewers were flushed and disinfected regularly during the year and in the case of new houses water carriage system only is entertained.

Every effort has been made to keep the effluent at the sewage disposal works up to the Rivers Board's requirements.

CLOSET ACCOMMODATION.

No. of privies with open Ashpit	—
No. of Pail or Tub Closets	4
Privies with covered Middens	922
No. or Water Closets	2476
No. of Chemical Closets	4

Public Conveniences: There are modern underground Public Conveniences provided, consisting of 3 W.C.'s and 1 Urinal-

PUBLIC CLEANSING.

Scavenging and Refuse Disposal.

The Scavenging of Garforth Village is carried out by our own workmen.

Cleansing in Allerton Bywater and Kippax is carried out by contract labour.

The removal of house refuse during the past year was satisfactory. Any complaints received were promptly dealt with.

During the year regular inspections were carried out by the Sanitary Inspector and disinfectant powder is distributed free when required.

The refuse is easily disposed of on to agricultural land, and one third of the area's refuse is disposed of on to the Council's tip.

SCHOOLS.

The water supply to the schools continues to be adequate.

RECREATION GROUNDS.

Four Recreation Grounds are provided.

- 1. Adjoining the Housing Estate at East Garforth.
- 2. Barley Hill Road, Garforth.
- 3. Park Avenue, Kippax.
- 4. Station Road, Allerton Bywater.

Numbers 2 and 3 Recreation Grounds have been constructed into modern playing fields. Full benefit is made of these.

Eradication of Bed Bugs.

During the year certain houses were found to be infested some of which were Council houses. Each of the houses were fumigated with H.C.N. gas under pressure.

Before any tenant will be accepted by the Council their furniture and their home is thoroughly inspected by the Sanitary Inspector, and if bugs are discovered the tenant's furniture, etc., is removed in the van under liquid H.C.N. gas. The bedding is sent to the steam disinfector.

All houses are visited from time to time and in this way the necessary education of the tenant is proceeded with.

HOUSING.

1.	Insp	pection of Dwelling Houses during	the	year,
		1939:		
1	(a)	Total number of dwelling-hou etc. inspected for housing defe (under Public Health and Hous Acts)	ects	350
	(b)	Number of Inspections made for purpose		400
2	(a)	Number of dwelling-houses (incluunder sub-head 1 above), where inspected and recorded unthe Housing Consolidation Relations	nich der	250
	(b)	Number of Inspections for purpose	the	275
3	Nur	mber of houses needing further act	ion	
		Number of dwelling houses for to be in a state so dangerous injurious to health so as to be u for human habitation	und or nfit	80
	(b)	Number (excluding those in subh 3a) found not to be in all respected reasonably fit for human hab tion	ects	150
Z.	Rem	nedy of Defects during the year service of Formal Notices.	r wi	thout
		Number of defective dwelling houses rendered fit in conseque of informal action of the Lo	ence	
		A		60
3.	Actio	ion under Statutory Powers di Year.	uring	g the
(a)	Pro	oceedings under Sections 9, 10 Housing Act, 1936:—	an	d 16,
	(1)	Number of dwelling-houses in response of which notices were ser		
		requiring repairs		75

	(2)	Number of dwelling-houses which were rendered fit after service of formal notices	
		By owners By Local Authority in default of owners	15 Nil
(b)	Pro	ceedings under Public Health Acts:-	
	(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	100
	(2)	Number of dwelling-houses in which defects were remedied after service of formal notices	Nil
(c)	Pro	oceedings under Sections 11 and 13 of Housing Act, 1936.—	the
	(1)	Number of representations, etc., made in respect of dwelling-houses unfit for habitation	120
	(2)	Number of dwelling-houses in respect of which Demolition Orders were made	115
	(3)	Number of dwelling-houses demolished in pursuance of Demolition Orders	42
	(-1)	Number of dwelling-houses in respect of which undertakings were accepted from owners—	
	(a)	To render houses fit for habitation	29
	(b)	As to usage other than for human habitation	4
(q)	Pro	Act, 1936:—	sing
	(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil

	(2) Number of separate tenements or underground rooms closed in pursuance of Closing Orders Ni	1
	(3) Number of separate tenements or underground rooms, the Closing Orders in respect of which were determined, the tenement or room	1
	having been rendered fit Ni	
	Unhealthy Areas Ni	1
5.	Number of new houses erected during 1939. (a) By Local Authority 32	7
	(b) By Private Enterprise 63	
		_
	Total 98) -
ů.	Housing Conditions.	
	(1) Total number of houses in the District 3,448	8
	(2) Number of working-class houses included in the above 3,103	3
	(3) General observations as to housing conditions, overcrowding, and shortage of houses Housing conditions are very fair and constantly improving. We have no overcrowding in the village of Garforth, but unfortunately there are still 61 cases of definite overcrowding and many cases of possible overcrowding in the villages of Allerton Bywater and Kippax to be dealt with. These cases of overcrowding in all probability would have been relieved except for the outbreak of hostilities.	6. - - e e n
7.	Housing Act, 1936. Part IV. Overcrowding	
	(a) 1. Number of dwellings overcrowded at the end of the year 5	7
	2. Number of families dwelling	
	therein 6	1

therein dwelling	348
(b) Number of new cases of overcrowd- ing reported during the year	Nil
(c) 1. Number of cases of overcrowding relieved during the year	1
2. Number of persons concerned in such cases	11
(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	Nil
(e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report	Nil
INSPECTION AND SUPERVISION OF F	OOD.
I. Milk and Dairies Order.	
(1) Number of visits to Cowkeepers	72
(2) Number of Cowsheds visited	18
(3) Number of Milk Cows	79
(4) General Conditions and Type of Cow	Fair
(5) General Cleanliness of Cows	Good
(6) General Conditions of Sanitation	Good
(7) Chief Methods of Milk Disposal Re L	tailed ocally
The cowsheds as a whole are kept in a	clean

II. Water, Food, and Drugs. Samples of water taken for analysis Samples of water condemned as unfit for use Nil Seizure of unwholesome food 4 tons, 14 cwt. 7st. Convictions for exposing or selling unwholesome food Nil Samples of food and drugs taken for for analysis (Milk) 7 Samples of food found adulterated III. Other Foods. Number of samples (other than milk) taken by officers of L.A. for examination under the Food and Drugs (Adulteration) Act, Nil 1928 Number found adulterated Nil Nil Number of prosecutions Number of bakehouses in the district 11 Total inspections 60 Number of underground bakehouses 1

CHEMICAL AND BACTERIOLOGICAL EXAMINATION OF FOOD.

Examinations under this head are carried out by the West Riding County Council.

BUTCHERS' SHOPS & SLAUGHTERHOUSES.

There are 12 licensed slaughterhouses in the district, one for pigs only, all of which have been periodically visited and found to be kept in a clean and sanitary condition.

SHOPS ACT, 1934, Sections 10 and 13 (3).

There were 180 visits paid under the above Act during 1939, and 20 unsatisfactory conditions were found and remedied.

I am, Gentlemen,

Your obedient Servant,
CLAUDE C. HARGREAVES,
Medical Officer of Health

SANITARY INSPECTOR'S REPORT.

Summary of work done in the Sanitary Inspector's Department during the year 1939:—

1.—Public Health Acts.— Particulars.	No. of Informal Written Notices by Inspector.	No. of Statutory Notices by Authority	No. of Nuisances abated after Notice	General Remarks
Foul Conditions Structural Defects odging Houses vairies and Milkshops Cowsheds.	4 75 Nil 6	Nil ,, ,,	4 75 Nil 6	Verminous. Choked drains, neglect in Limewashing, unclean utensils, etc.
llaughterhouses	4 14	"	4 14	Choked drains and neglect in Limewashing etc.
Ashpits and Privies Deposits of Refuse and Manure Vaterclosets Defective Yard Paving	63 4 10 Nil	" " " " "	63 4 10 Nil	Converted to W.C.'s. Too near to Dwellings and Public Highways Choked Generally.
Iouse Drainage Defective Traps No disconnection from Sewers Other Faults	20 Nil Nil	27 22 22	20 Nil Nil	Untrapped Sink Waste Choked and leaking.
Water Supply	Nil	"	2 Nil	Insufficient pressure. Insufficient cleansing and defective drainage.
nimals improperly kept Offensive Trades mnoke Nuisances Other Nuisances	Nil Nil	,, ,,	Nil Nil Nil Nil	
Tuisances outstanding from 1935 Shops Acts. Lanitary Accommodation Cemperature	Nil Nil	"	7 Nil Nil	Insufficient ventilation and heating.
Totals	207	Nil	214	

IIWater, Food and Drugs.	Number	
Samples of Water taken for Analysis Do, condemned as unfit for use	Nil Nil	
Seizures of Unwholesome Food	4tons 14cwt.	
Convictions for exposing or selling un- wholesome food	7st. Nil	
Samples of Food and Drugs taken for Analysis (Milk)	7	
Samples of Food found adulterated	2	No Prosecution.
III. Precautions against Infectious Diseases.	Number	
Lots of Infectious Bedding stoved	22	
Houses disinfected after Infectious diseases	22	
Schools do. do.	Nil	
Prosecutions for exposure of infected Persons or things	Nil	
Convictions for do. do.	Nil	
IV General.	Number	
Number of New Houses erected during the year	98	
Number of such houses occupied during the year	98 Nil	
Ashpit-Privies converted into Water- Closets	63	
New W.C.'s to existing property	3	
Pail Closets converted into Water-Closets	Nil	
Total Number of Water-closets in District	2,476	
Total Number of Ashpit Privies in the District	922	

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES. Including Inspections made by the Sanitary Inspector during the year

	Number of			
Premises. (1)	In- spections (2)	Written Notices (3)	Occupiers prosecuted (4)	
Factories (Including Factory Laundries	15	_		
Workshops (Including Workshop Laundries)	50	13 verbal		
Workplaces (Other than Outworkers Premises)		_		
Total	65	13		

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

	1	Number of offences in respect of		
Particulars.	Found	Reme- died	Referred to H.M. Inspector	which Prose- cutions were instituted
(1)	(2)	(3)	(4)	(5)
Nuisances under the Public Health Acts:—	٥			
Want of Cleanliness	. 4	4		
Want of Ventilation	. 2	2	_	mit allege
Overcrowding	_			
Unreasonable Temperature	-			
Ineffective Drainage of Floors Sanitary Conveniences	6	6		
Insufficient		-	_	
Unsuitable or Defective	1	1	-	
Not Separate for Sexes	_	_		
Total	13	13		

GEORGE HORN,





